# FOLEY HOAG LLP
## ATTORNEYS AT LAW

RECEIVED
CENTRAL FAX CENTER

DEC 0 2 2005

# Fax

**Date:** December 2, 2005

**To:** Central Fax Number                **Fax #:** 571-273-8300

**From:** Stephen B. Deutsch    **Sender's Number:** (617) 832-1118    **User #:** 1118

**Total Pages Sent (Including Cover Sheet):** 3        **Office:** Boston

**Message**

Re:    U.S. Application No. 10/815,321
       Filed: April 1, 2004
       Title: Methods and Systems for Interactive Evolutionary Computing (IEC)
       Attorney Docket No. ICO-001.01

Dear Sir or Madam

       We transmit the following herewith:

       1. Telephone Interview Summary (2 pgs.)

                                               Stephen B. Deutsch
                                               Reg No. 46,663

Seaport World Trade Center West / 155 Seaport Blvd. / Boston, MA 02210-2600 / TEL: 617.832.1000 / FAX: 617.832.7000
Foley Hoag LLP          BOSTON          WASHINGTON. DC          www.foleyhoag.com

PAGE 1/3 * RCVD AT 12/2/2005 4:24:33 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/29 * DNIS:2738300 * CSID:617 832 7000 * DURATION (mm-ss):00-40

RECEIVED
CENTRAL FAX CENTER

DEC 0 2 2005

PATENTS
Attorney Docket No. ICO-001.01

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

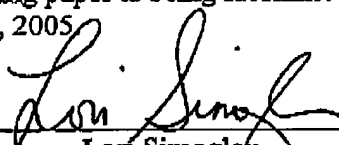| | |
|---|---|
| In re Application of:<br>    Eric Bonabeau et al.<br><br>Application No:    10/815321<br><br>Filed:    April 1, 2004<br><br>For:    METHODS AND SYSTEMS FOR<br>        INTERACTIVE EVOLUTIONARY<br>        COMPUTING (IEC) | )<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)   Art Unit:   2121<br><br>   Confirmation No.: 7561<br><br>   Examiner:  Holmes,  Michael B. |

## CERTIFICATE OF MAILING

I hereby certify that the following paper is being facsimile transmitted to the Patent and Trademark Office on December 2, 2005.

_Lori Simoglou_

-1-

### TELEPHONE INTERVIEW SUMMARY

Applicants thank the Examiner and the Examiner's Supervisor for the courtesies extended during the telephone interview conducted on November 30 and December 2, 2005 between Examiner Holmes, Supervisor Knight and Applicants' undersigned representative. During the interview, it was discussed whether independent claims 1, 21 and 22 should be amended to add additional language specifying the sequence of events that the user input is received after the evolutionary scheme (genetic algorithm) has operated at least once. In the interview, it was suggested that that sequencing was already set forth, in that the "generating a solution set" step or limitation specifies that an objective function be a priori mathematically unexpressed, and that the "receiving ... at least one input from the ... user" step or limitation includes the language "input based on the ... user's evaluation of the presented solution set," thereby requiring that the input be provided only after the initial solution set is generated "based on an evolutionary scheme in which an objective function is a priori mathematically unexpressed." It was agreed that the additional language would not be required.

Respectfully submitted,

Date: December 2, 2005
*Customer No: 25181*
Patent Group
Foley Hoag, LLP
155 Seaport Blvd.
Boston, MA 02210-2600

Stephen B. Deutsch, Reg. No. 46,663
Attorney for Applicants
Tel. No. (617) 832-1118
Fax. No. (617) 832-7000

B3131218.1

-2-